



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Monday August 24, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Slight risk of severe storms with heavy rain/flash flooding across SE LA.**
- **Tropical Storm Marco is expected to remain a tropical storm as it approaches the LA Coast. It is likely to bring tropical storm force winds, heavy rain, and dangerous storm surge to SE LA today.**
- **Tropical Storm Laura is expected to move towards the Gulf Coast on Wednesday, possibly bringing impacts to LA, possibly ETX and AR into Thursday.**

FEMA Region 6 Threat Matrix

Aug 24, 2020 - Aug 28, 2020



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	SE LA	SE LA			
Heavy Rain / Flash Flooding	SE LA	SE LA	LA	E AR	
Fire Weather					
Tropical Winds / Surge	S LA	LA	S LA	LA, ETX, SAR	
Heat					
River Flooding	SE LA	SE LA			

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slides for more information



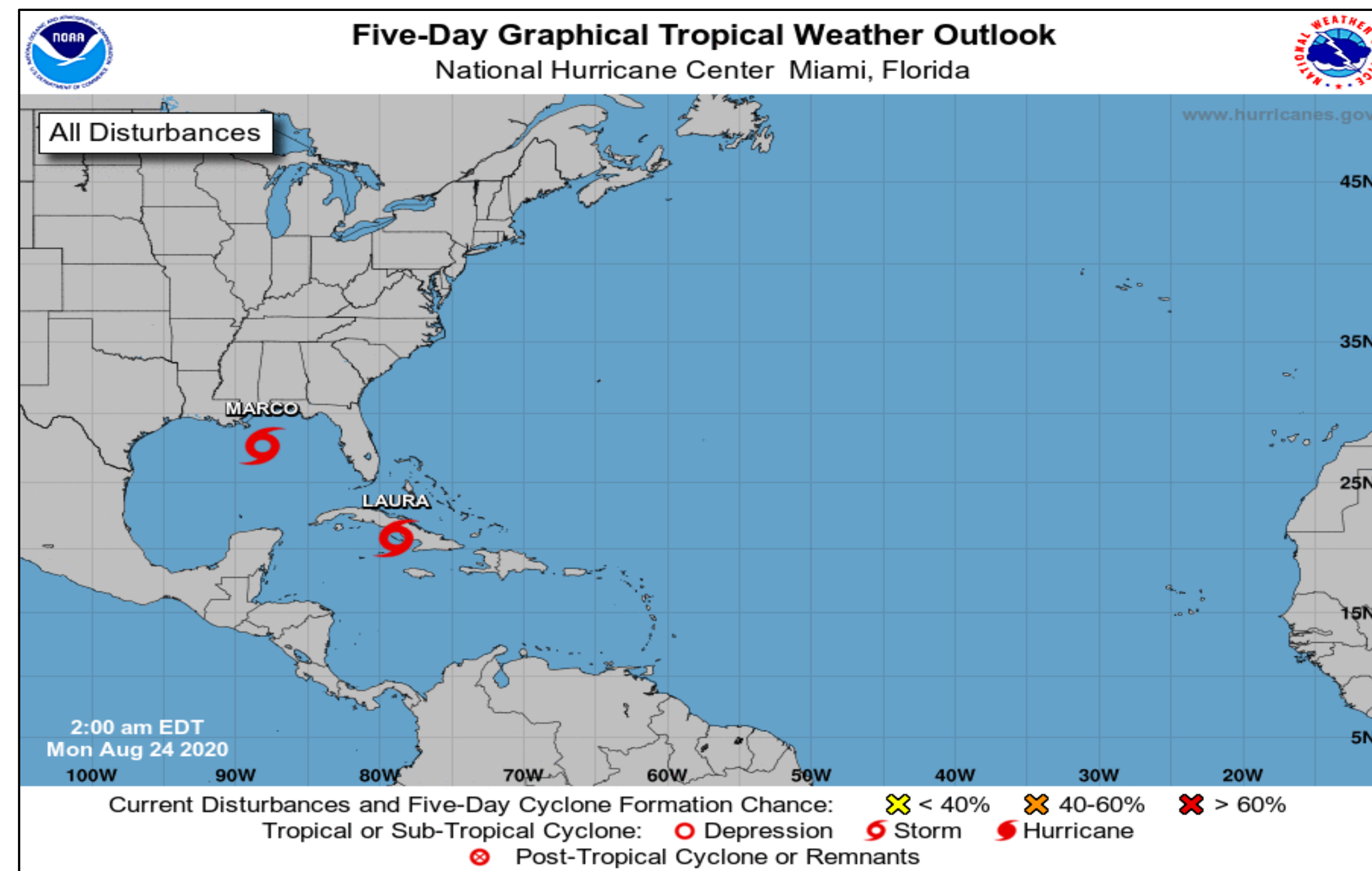
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Laura	Impacts from Laura possible in LA by Wednesday.
Marco	Impacts from Marco likely in LA on Monday/Tuesday, TX on Wednesday.

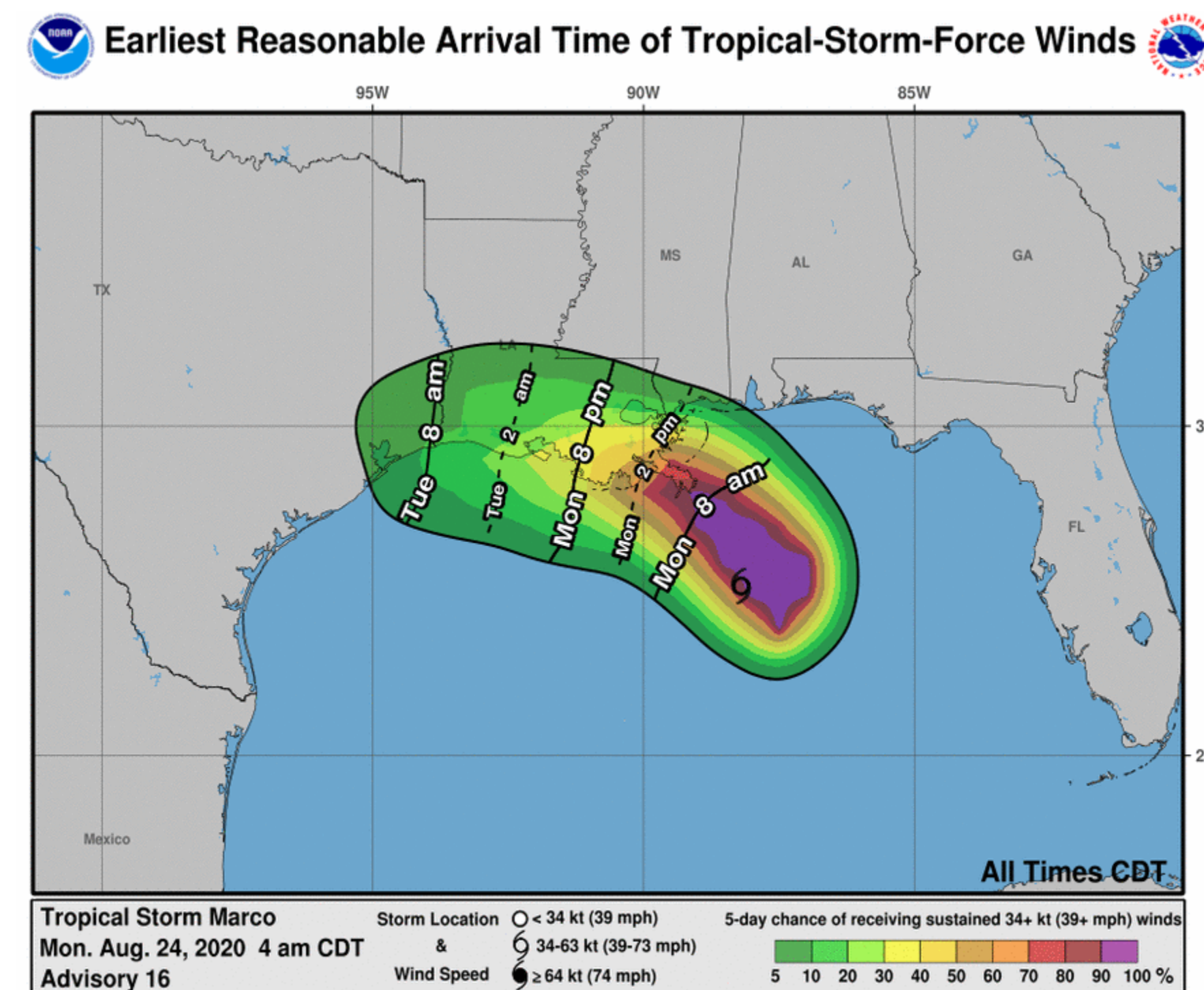


Tropical Storm Marco



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Tropical Storm Marco is 115 miles south of the mouth of the Mississippi River and moving northwest at 10 mph. Marco is expected to remain a tropical storm as it approaches the LA coast today.



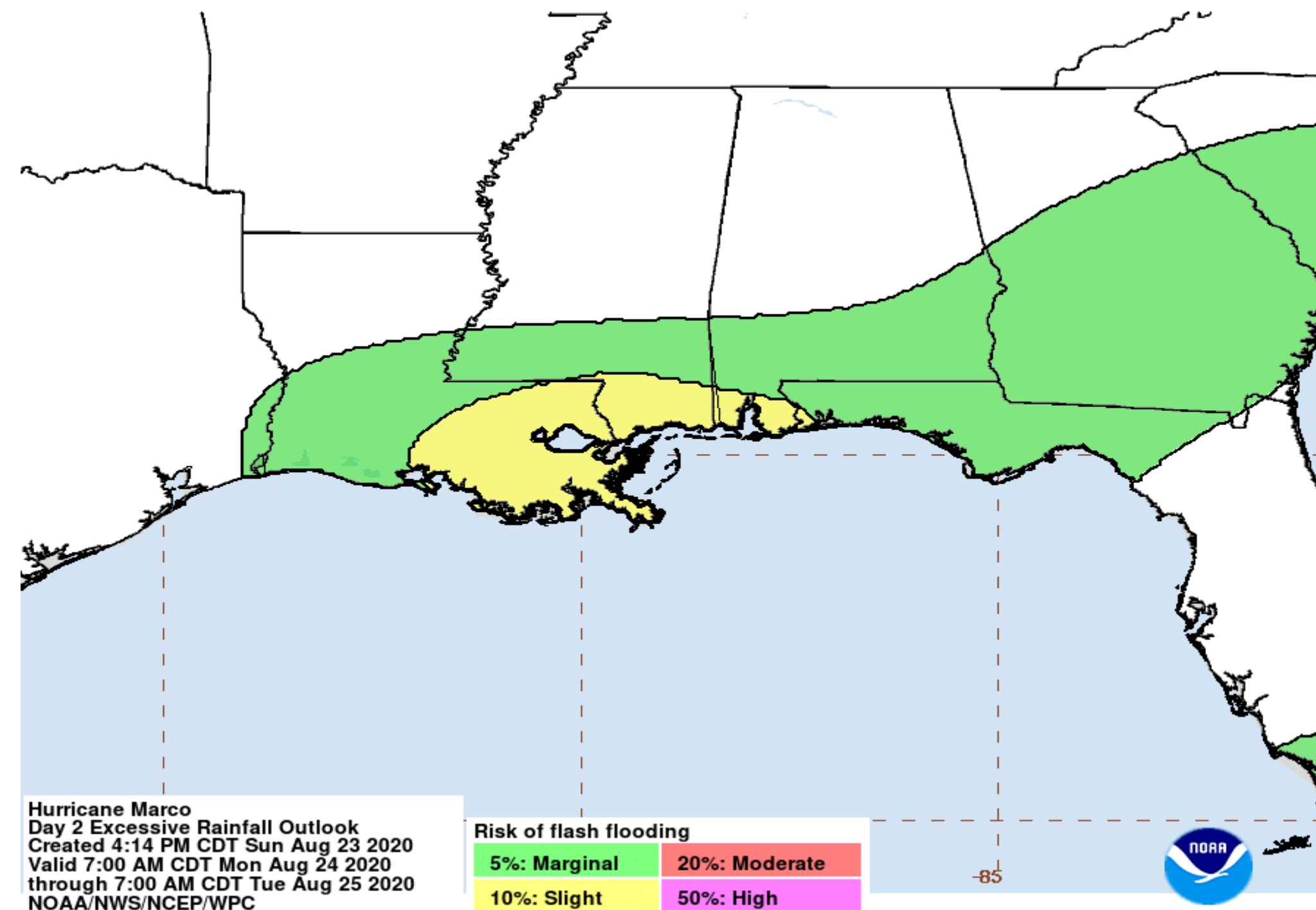
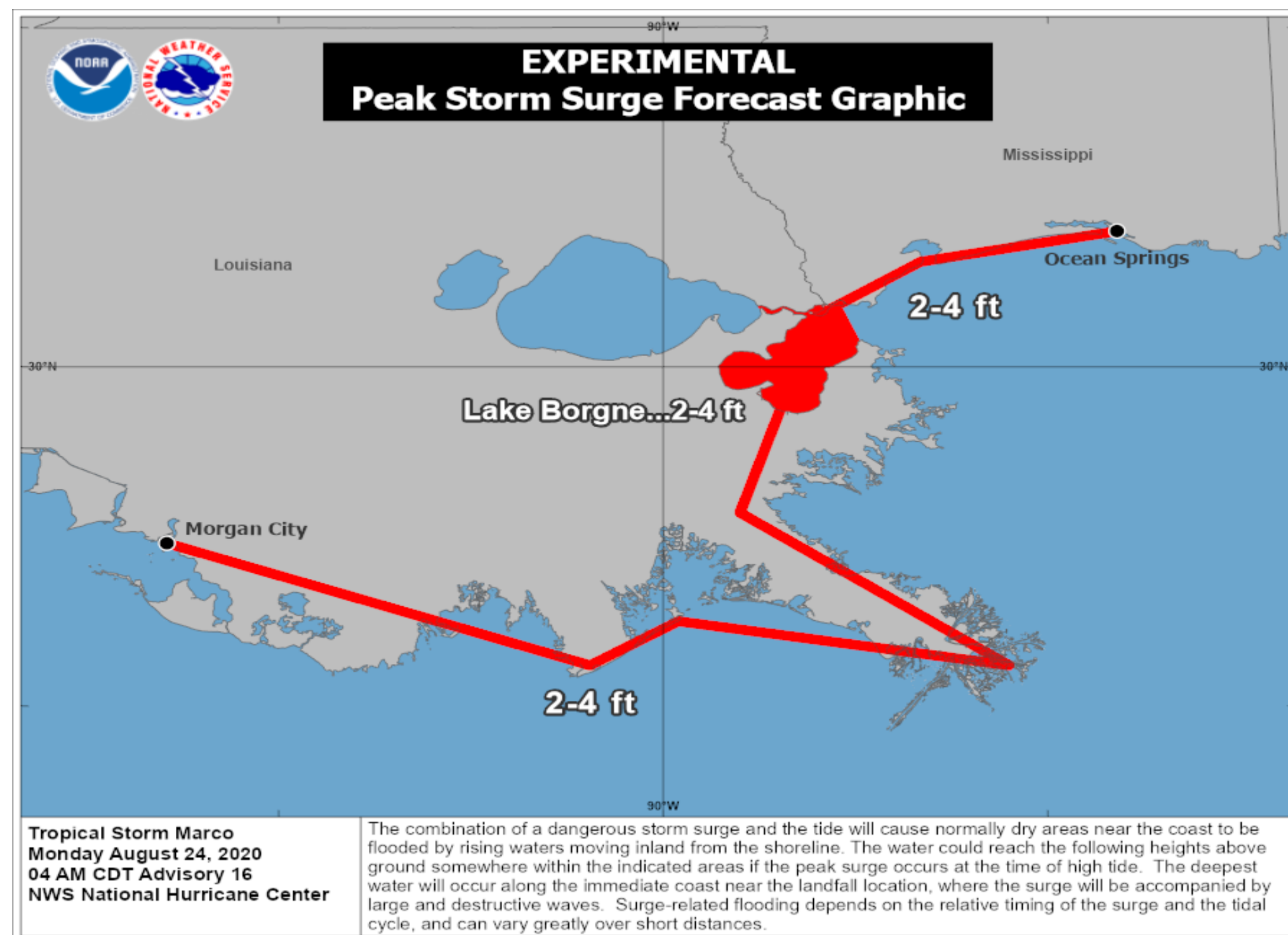
Tropical Storm Marco



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The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. 2-4ft of storm surge is expected from Ocean Springs to the AL/FL Border.

Marco is expected to produce rainfall accumulations of 3-5 inches with maximum amounts of 10 inches across the Central U.S. Gulf Coast through Tuesday. This may result in isolated areas of flash and urban flooding.



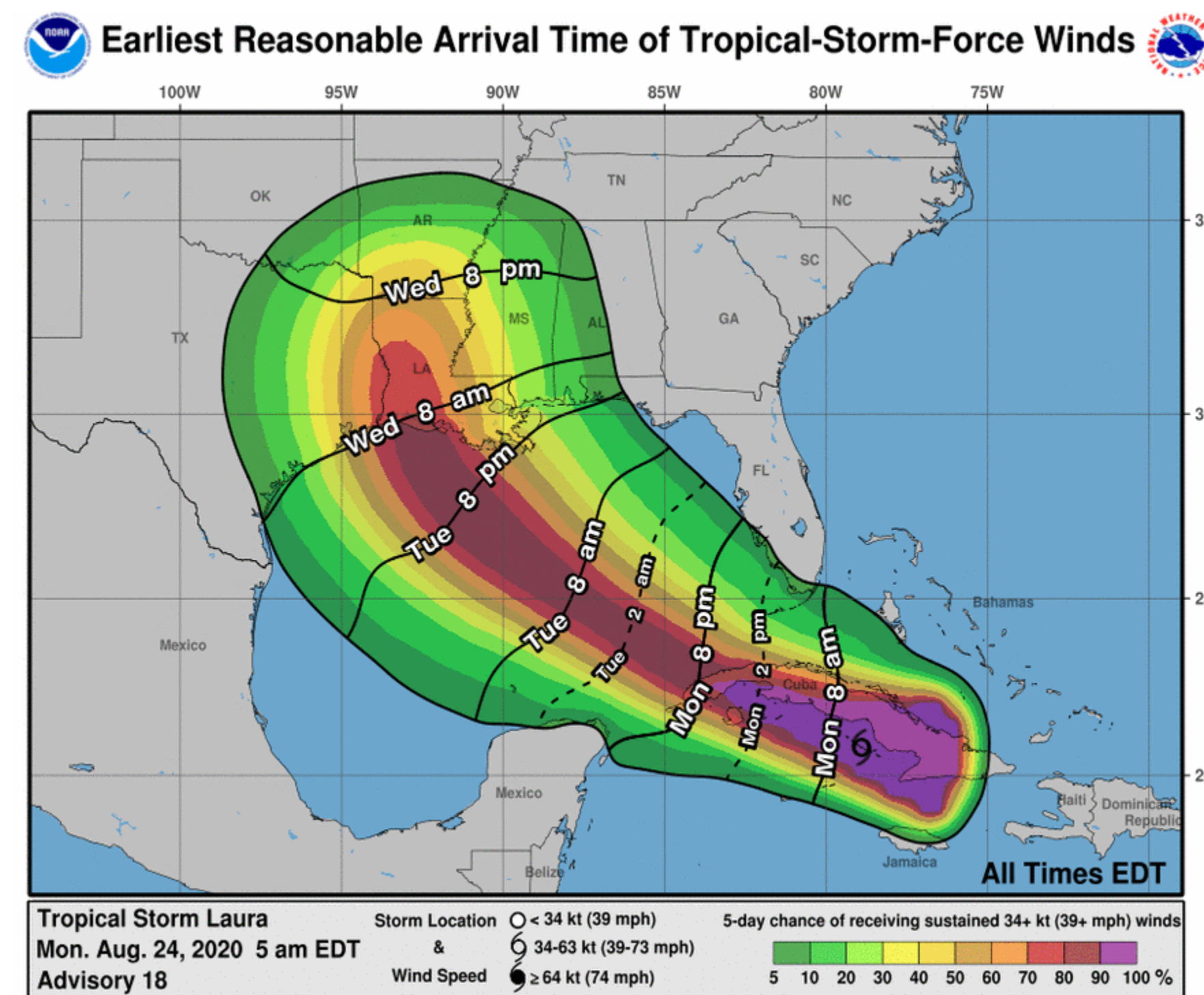
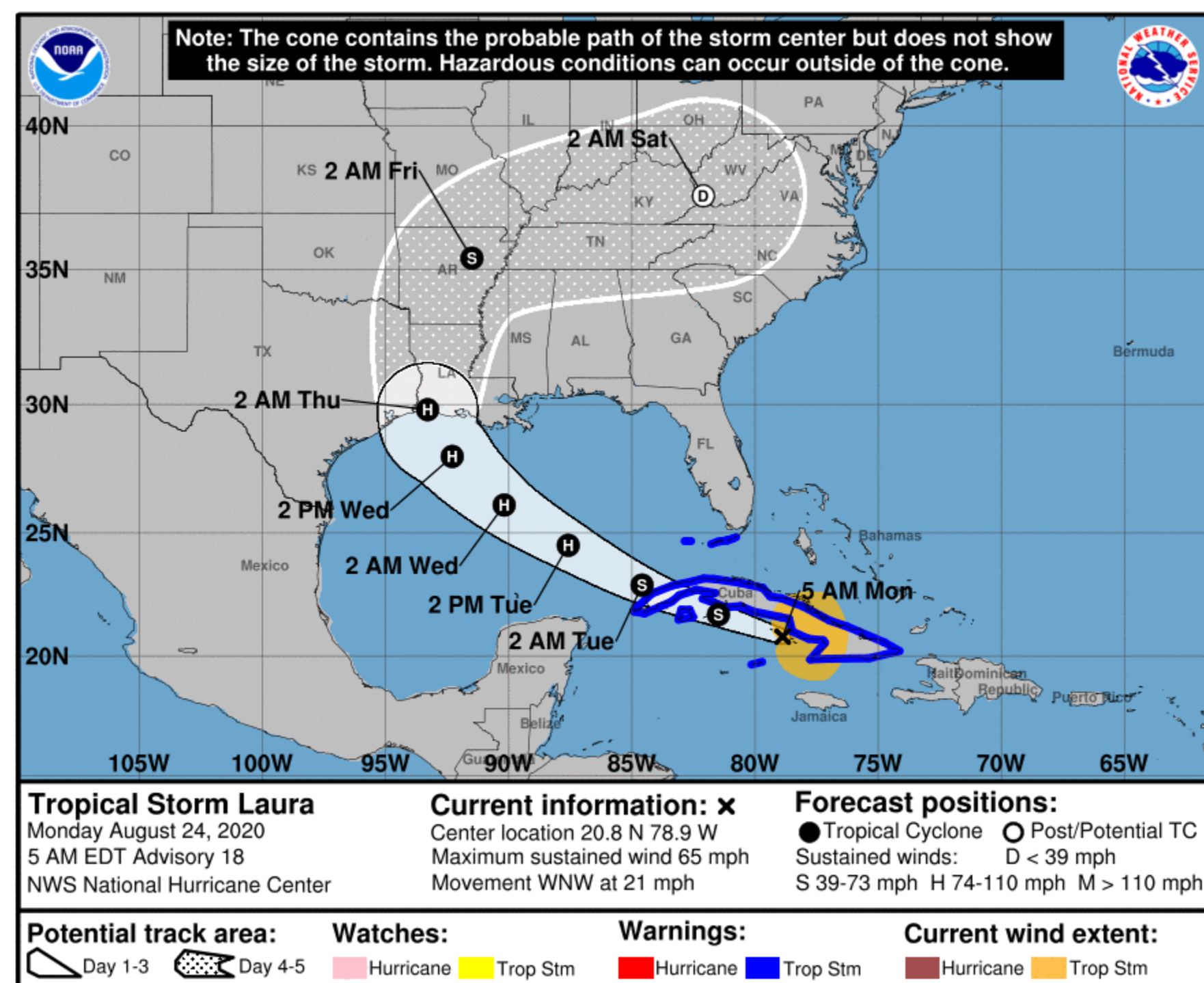
Tropical Storm Laura



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Tropical Storm Laura is 175 miles east southeast of Cayo Largo and moving west-northwest at 21 mph. Laura is expected to move near Cuba today and over the SE Gulf Monday night and Tuesday.

Maximum sustained winds are near 65 mph with higher gusts. No significant changes in strength are forecast during the next 36 to 48 hours while Laura moves toward the Gulf of Mexico where some strengthening is expected. Laura is expected to be a hurricane by Tuesday.

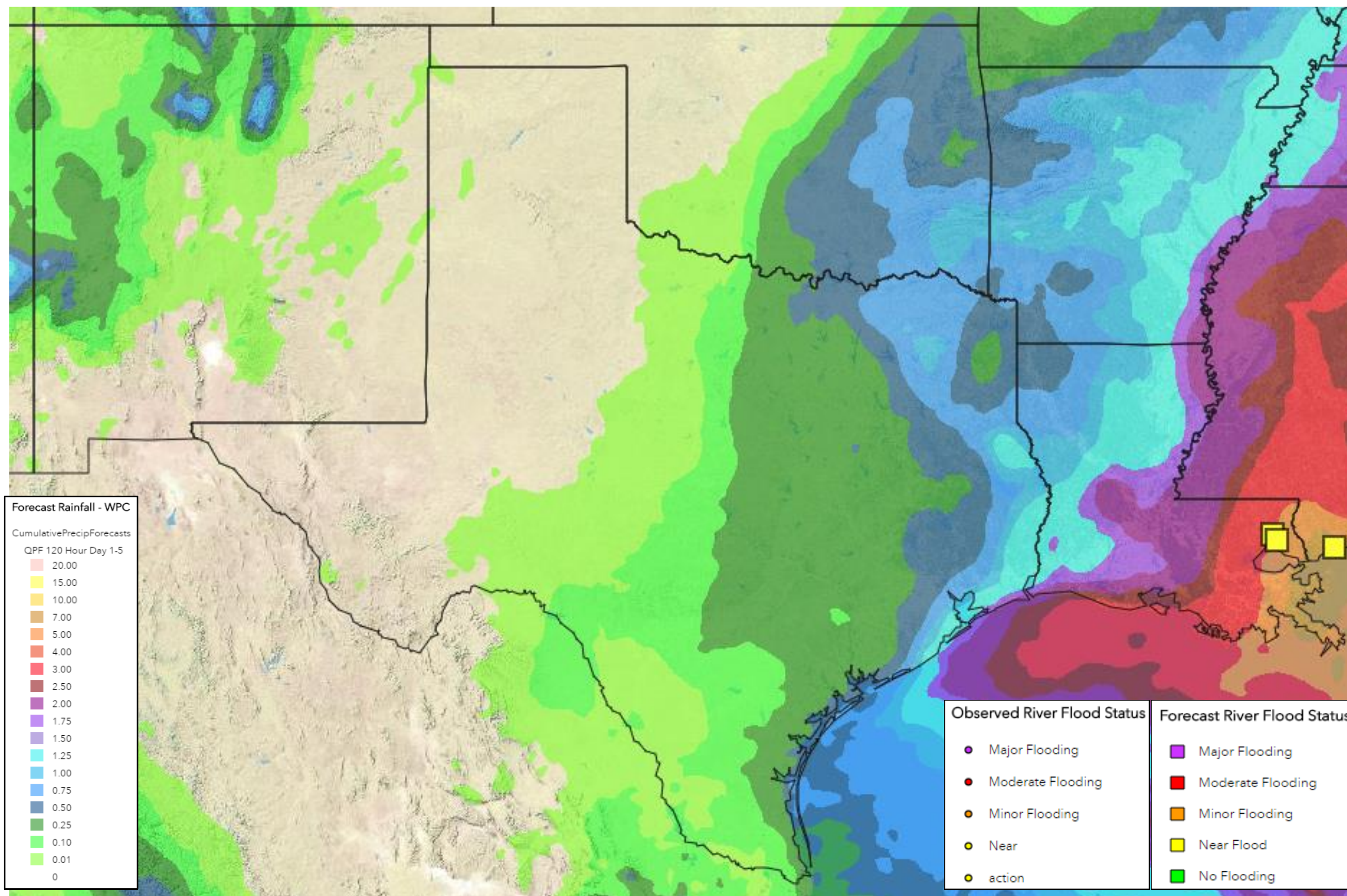


5-Day Precipitation Forecast & River Flood Status



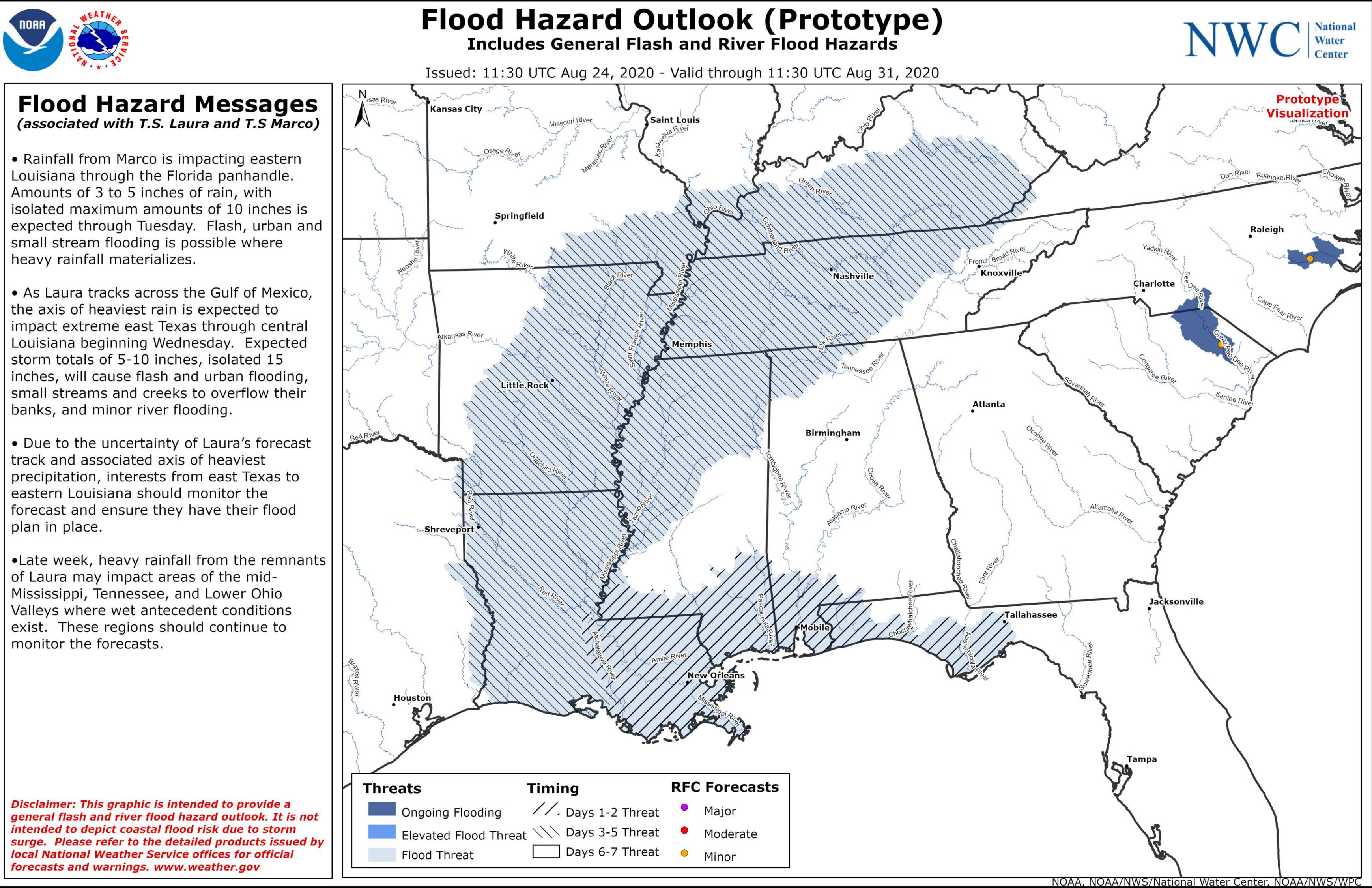
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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Rainfall along the Upper Texas Coast and Coastal LA is expected to begin Monday from Marco, and may continue into later in the week, especially over S LA from Laura. It is too early to pinpoint specific river basins that may see flooding, but see next slide for a general overview.

Because rivers are below flood stage before the start of this rainfall, and due to antecedent conditions, the initial wave of rainfall is likely to produce only isolated minor river flooding. The rainfall from Laura later in the week, however, may lead to additional minor flooding.

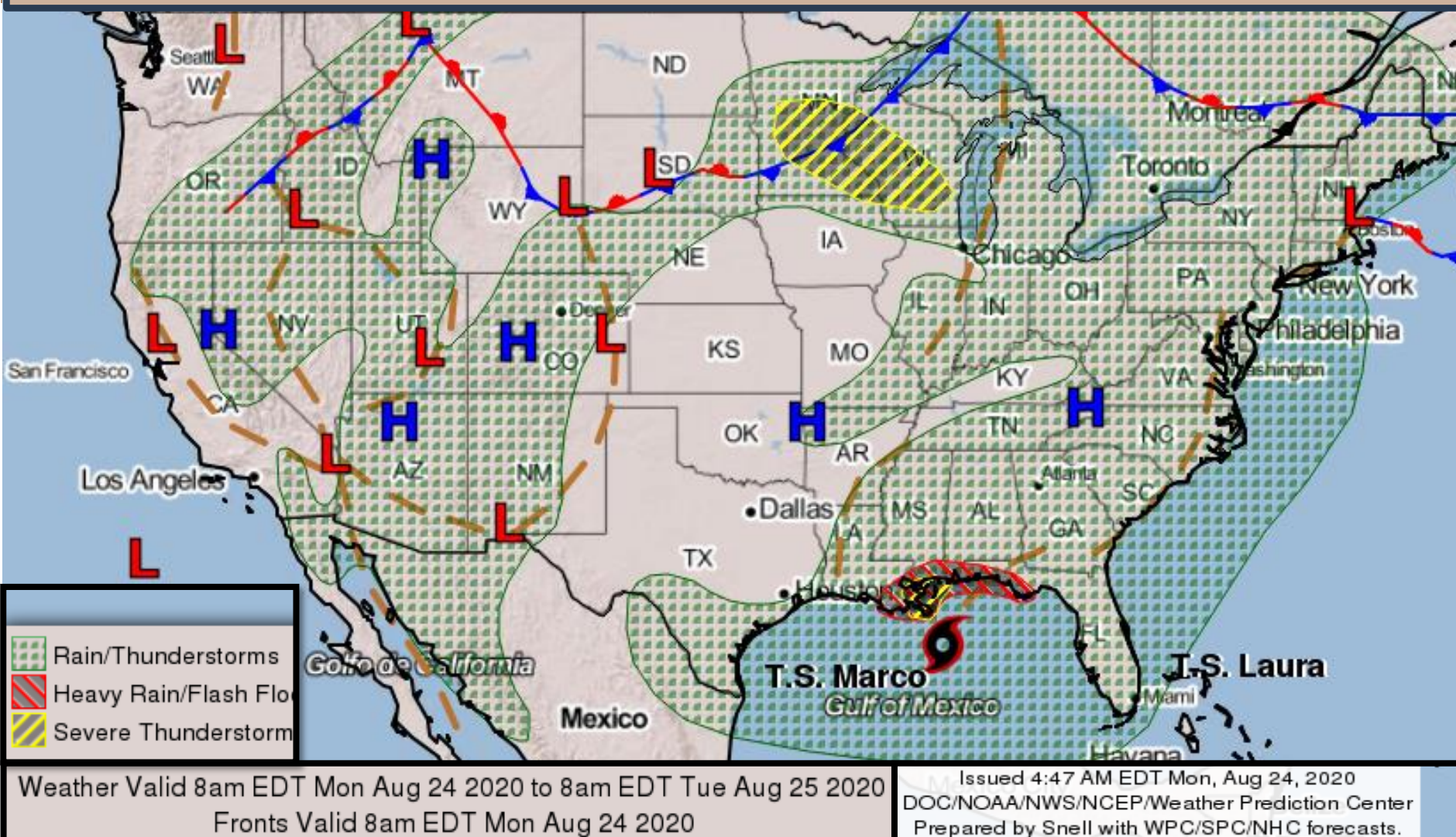


Today's Weather

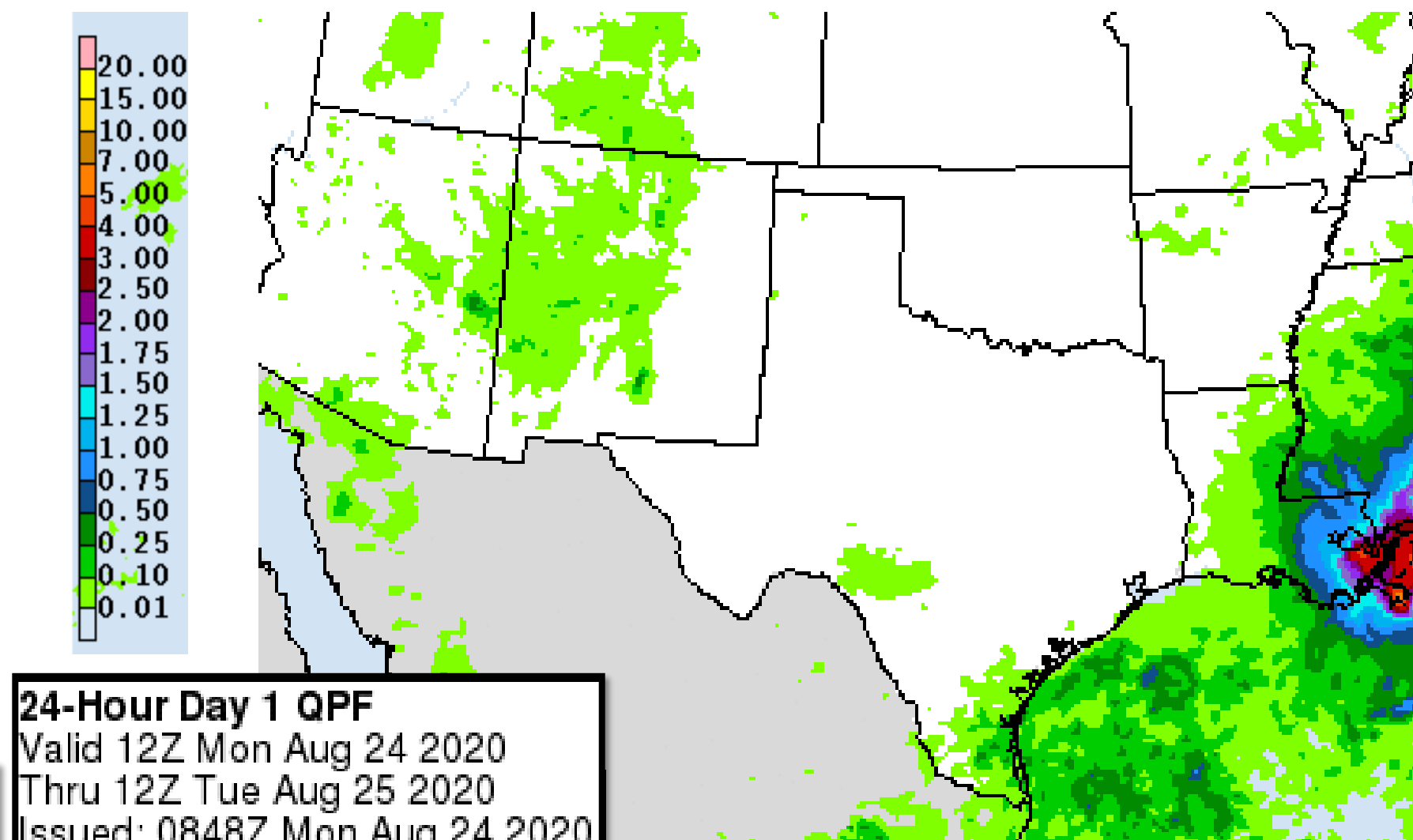


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Forecast Chart



Forecast Rainfall

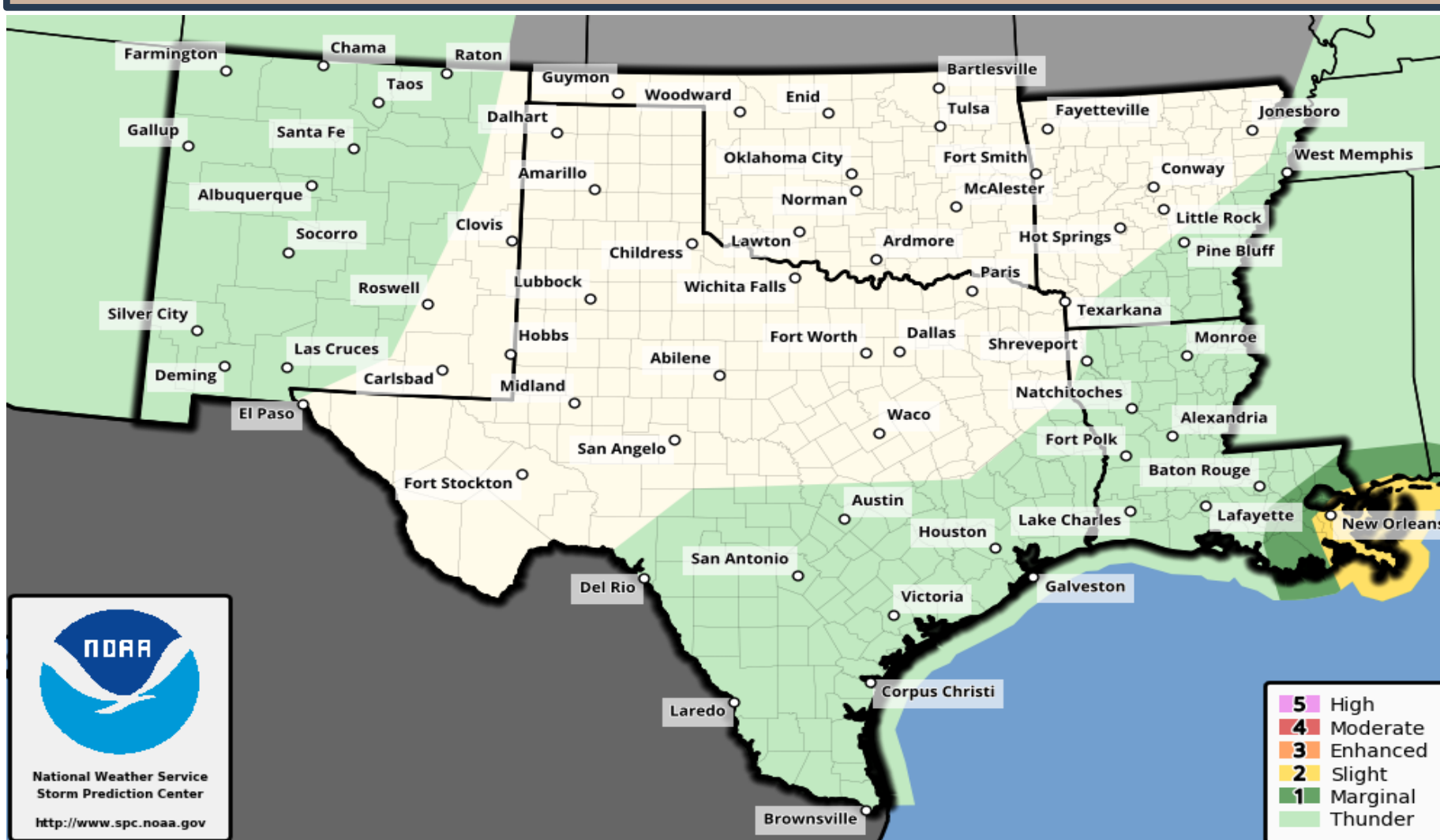


Severe storms with heavy rain/flash flooding possible over SE LA.

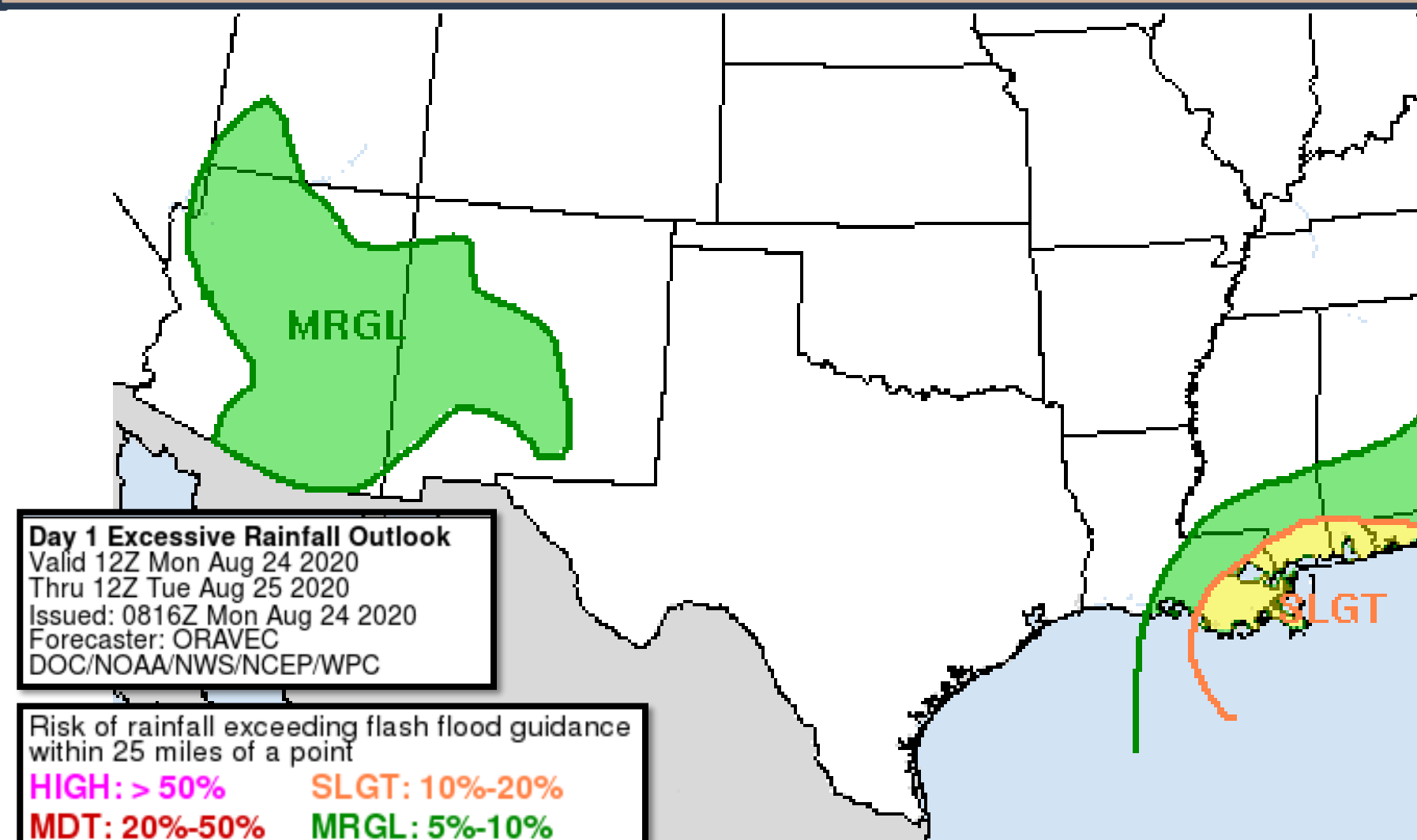
Tropical storm force winds from Marco across SE LA.

Storm Surge of 2-4 ft from Morgan City, LA to Ocean Springs, MS.

Severe Weather Outlook



Excessive Rainfall Outlook

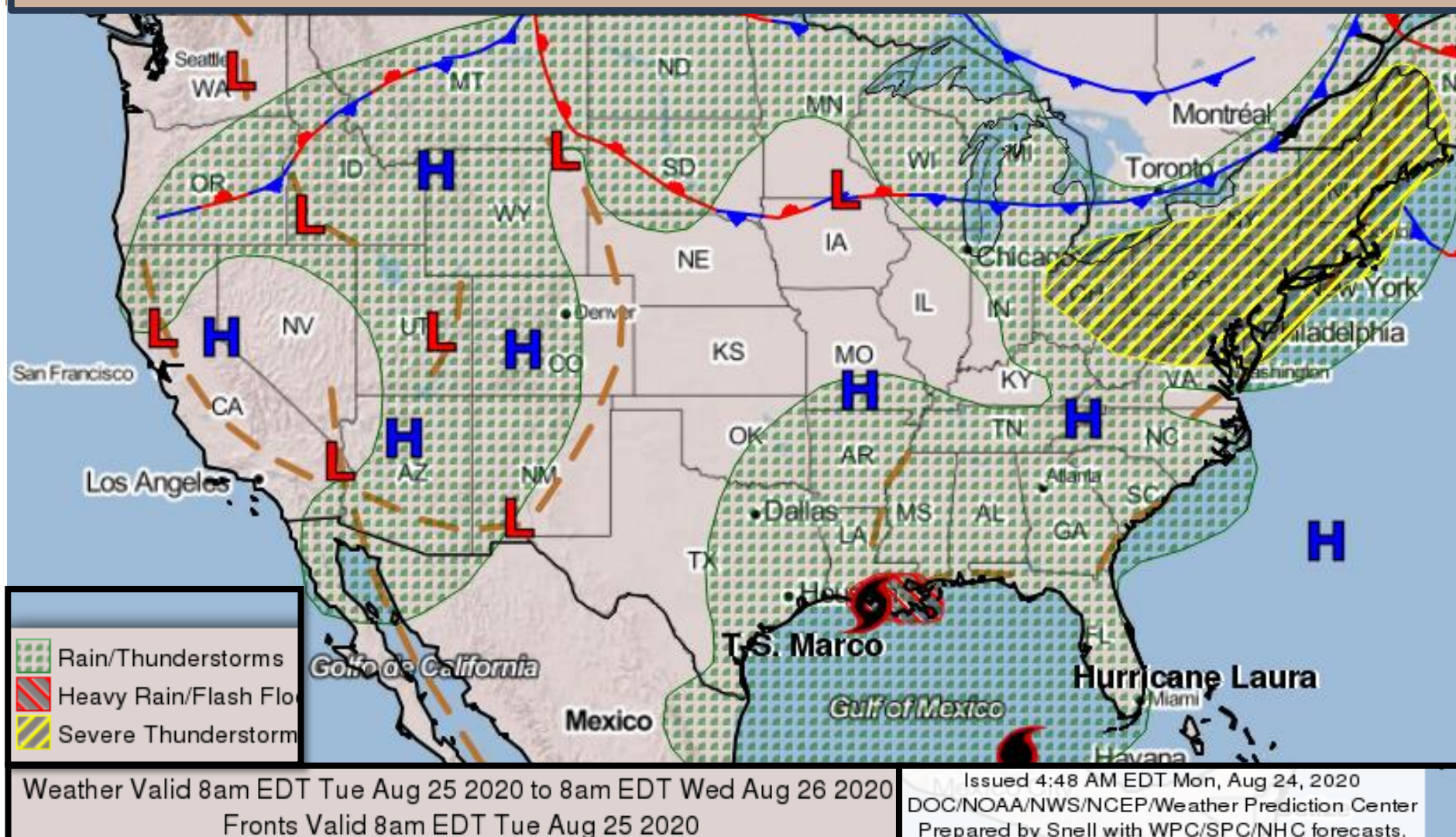


Tomorrow's Weather

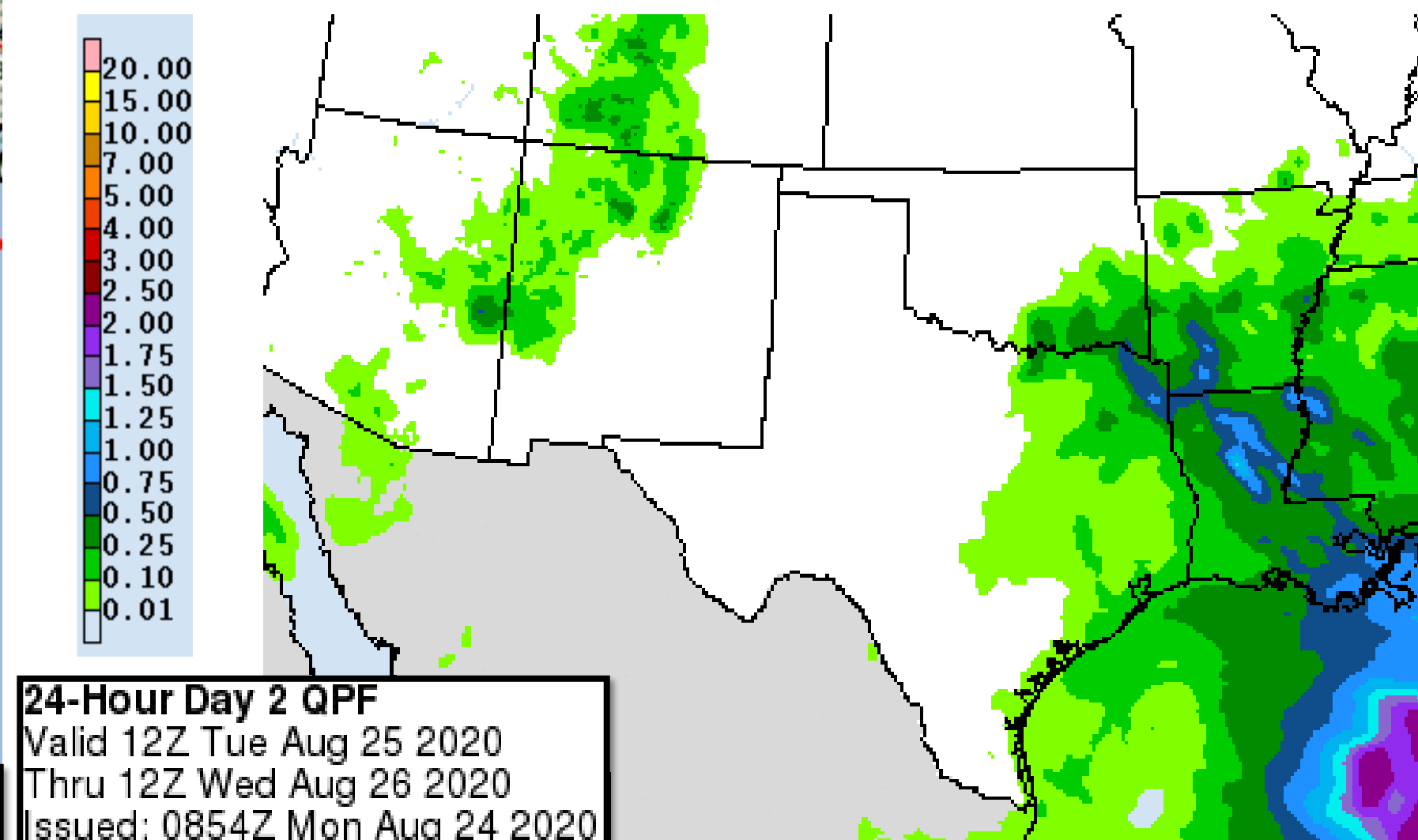


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Forecast Chart



Forecast Rainfall



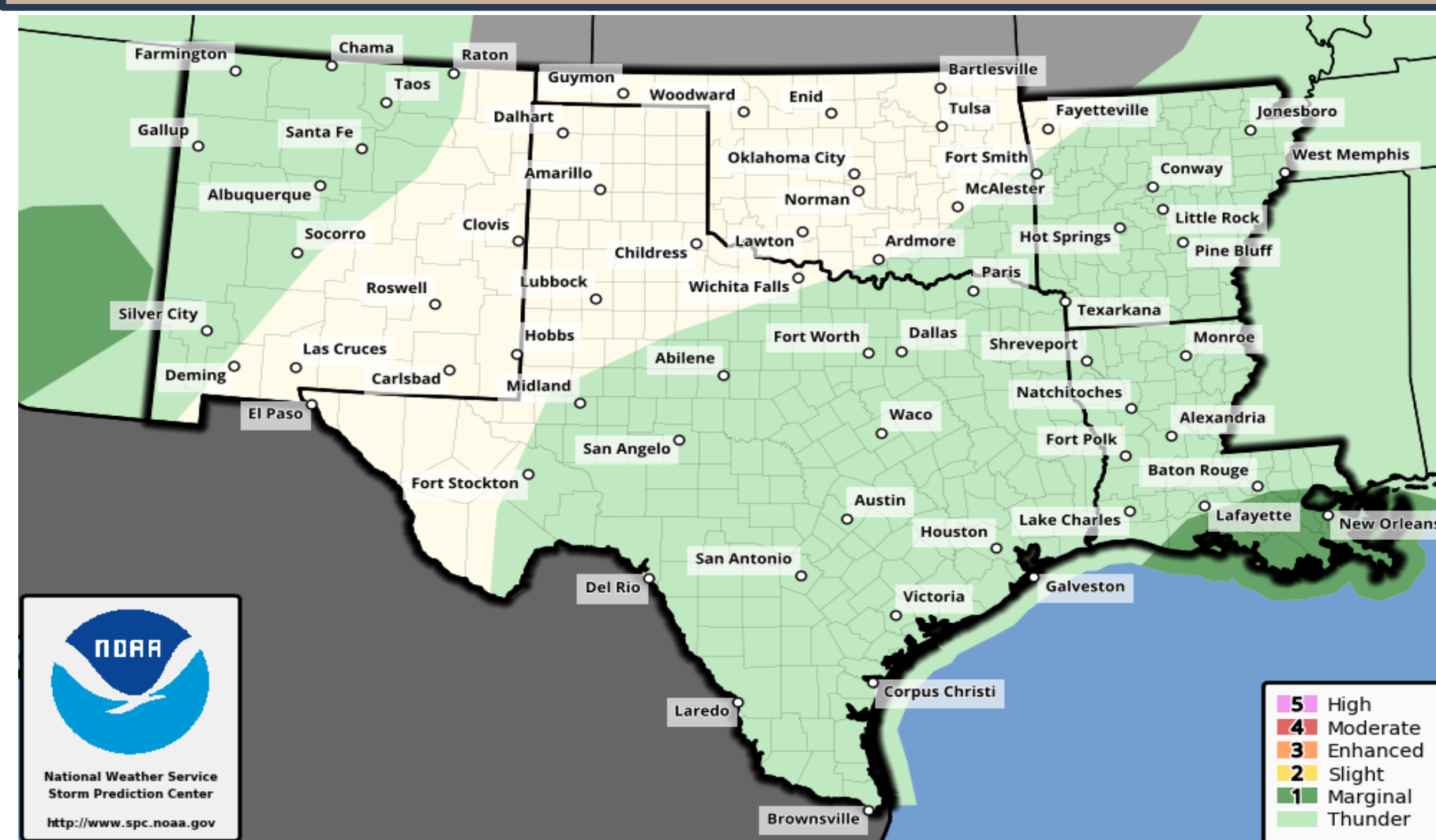
Heavy rain/flash flooding possible over SE LA.

Tropical storm force winds from Marco in S LA.

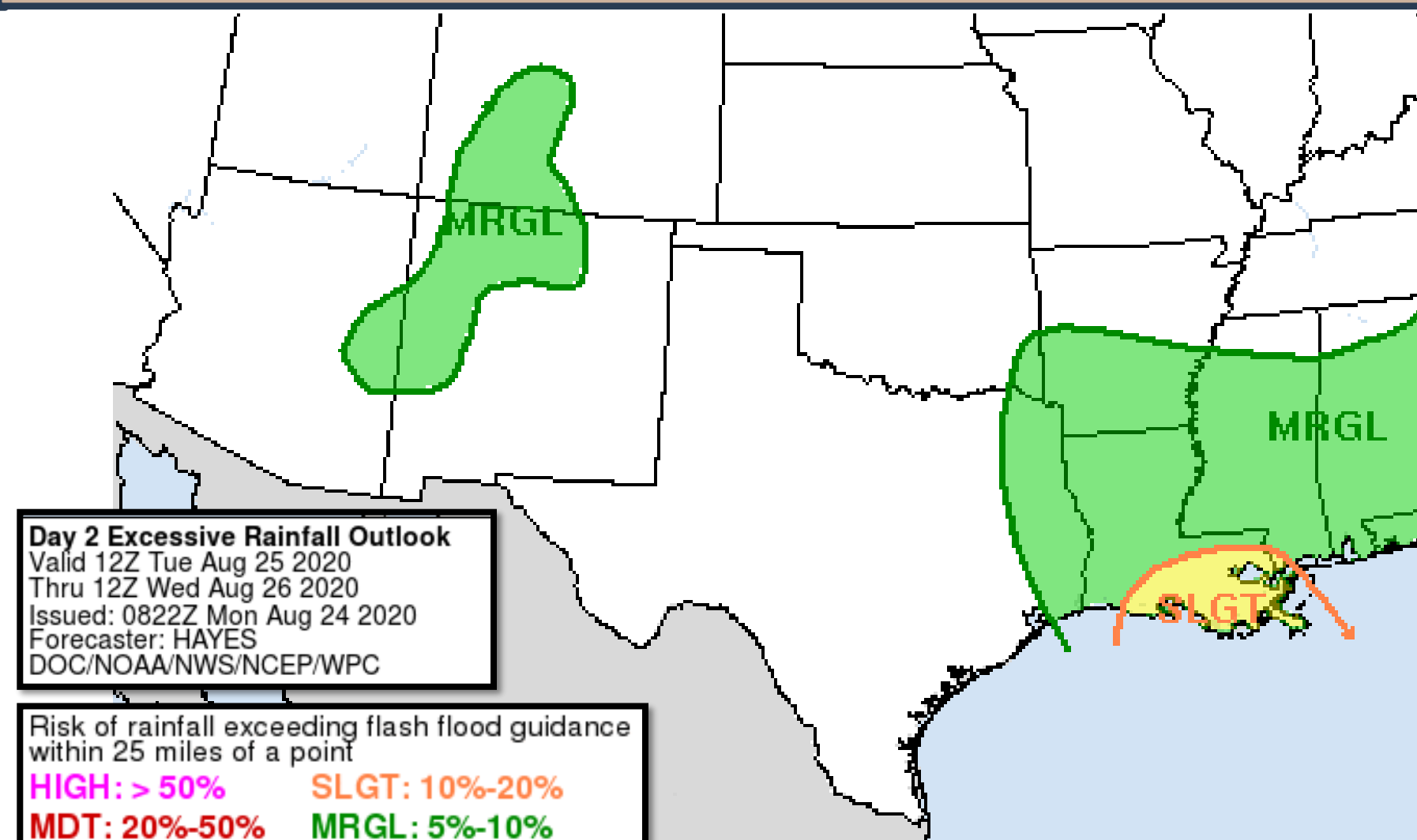
Storm Surge of 2-4 ft is possible from Morgan City to Ocean Springs.

An isolated tornado possible in SE LA.

Severe Weather Outlook



Excessive Rainfall Outlook

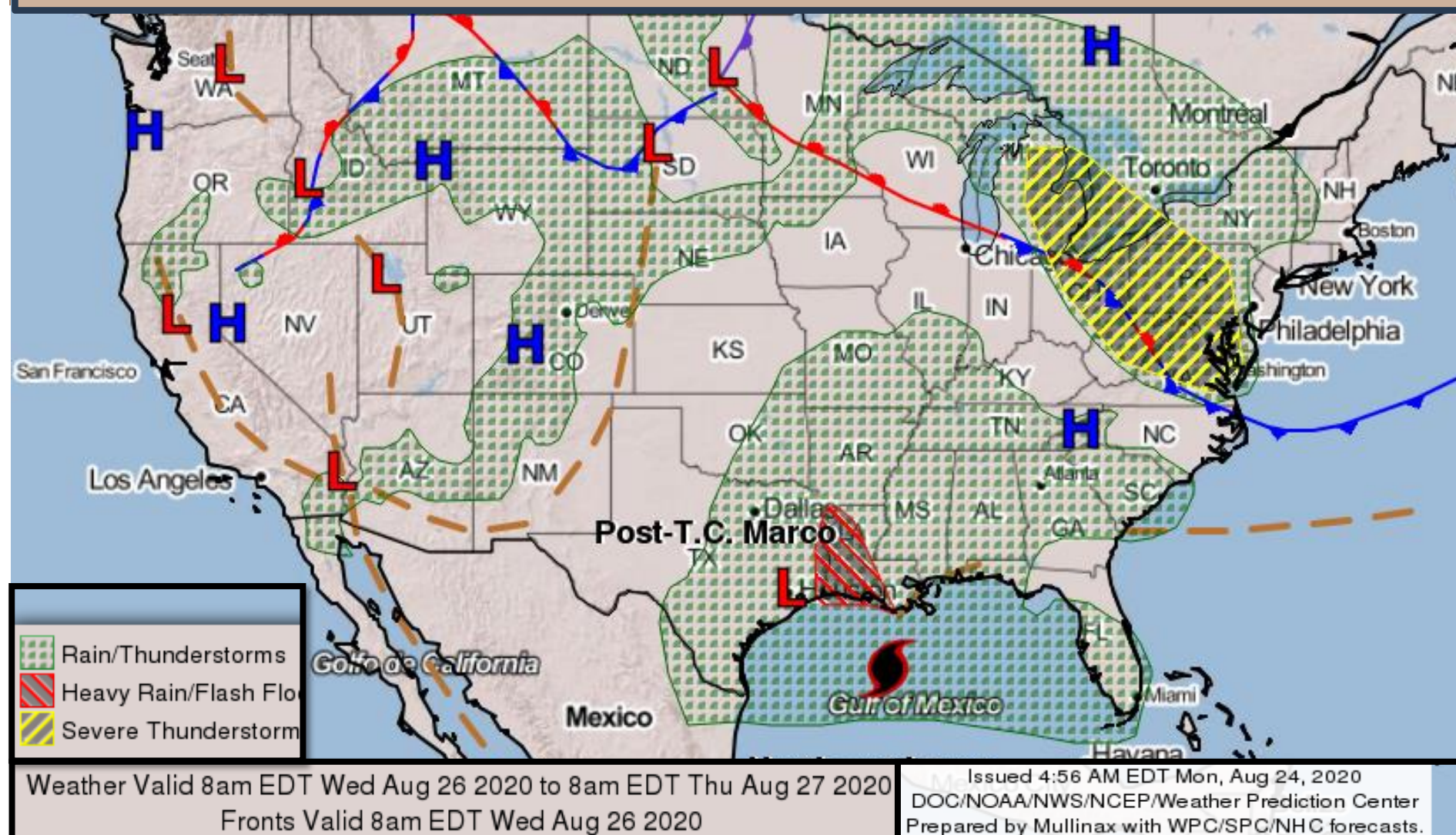


Wednesday's Weather

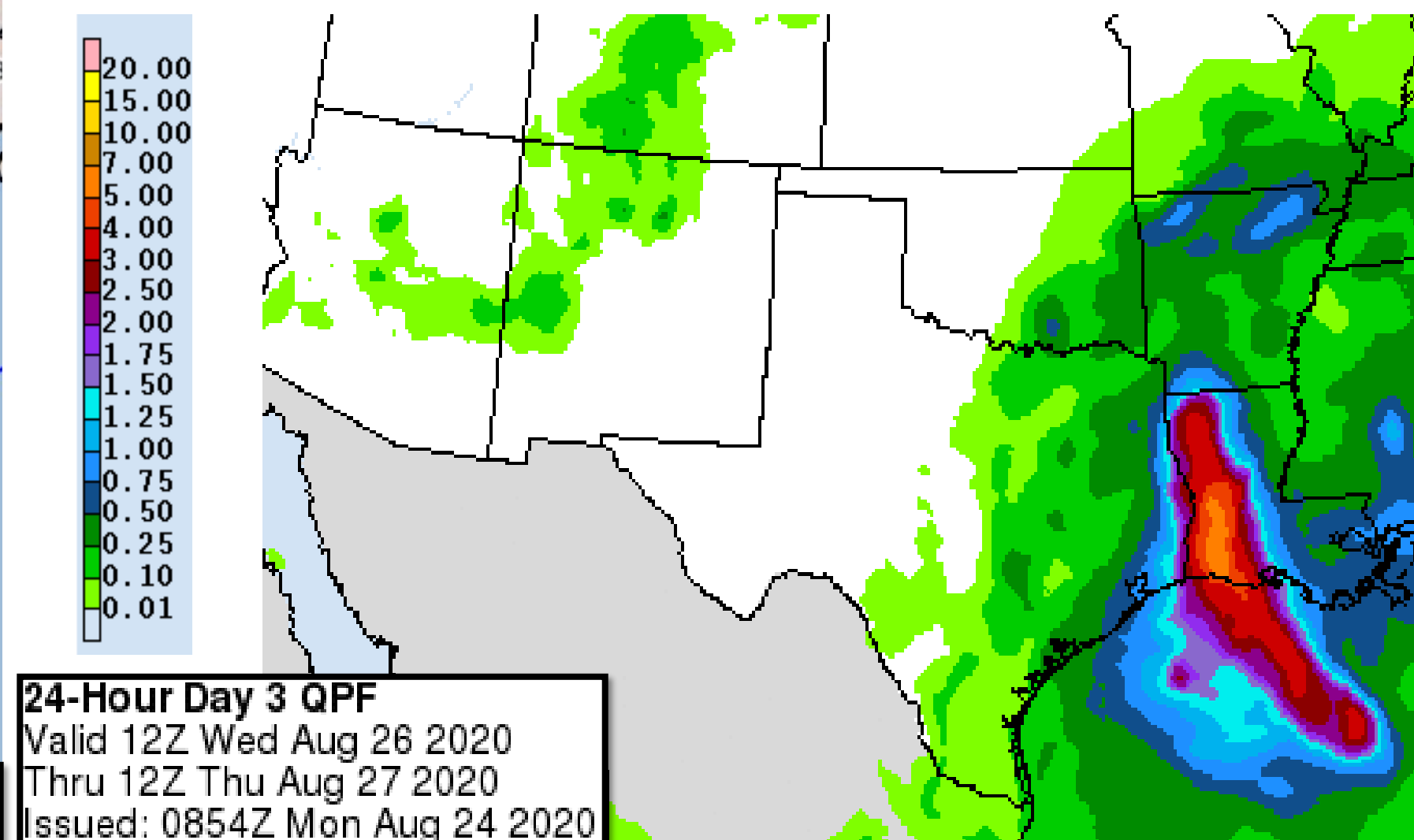


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Forecast Chart



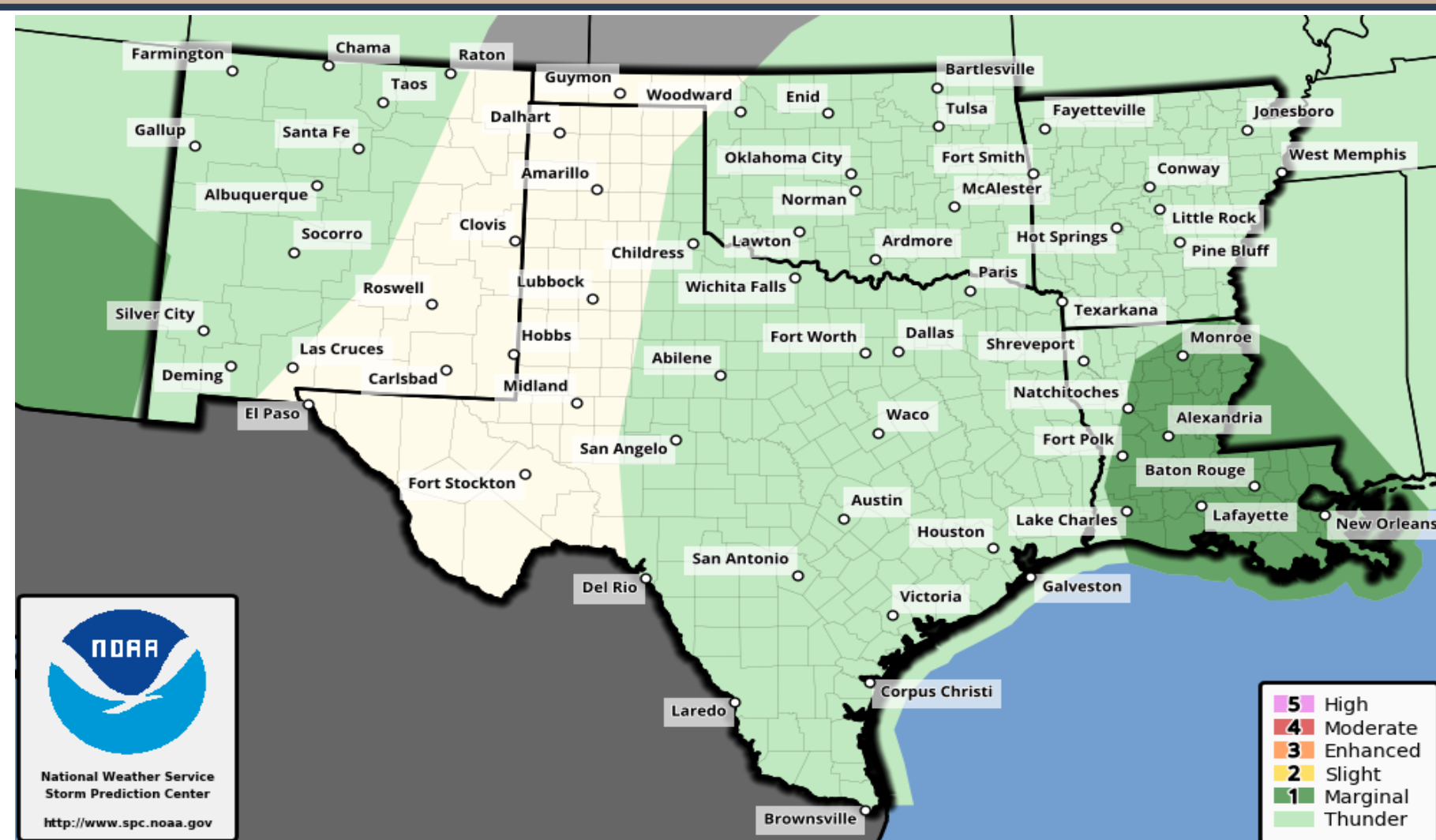
Forecast Rainfall



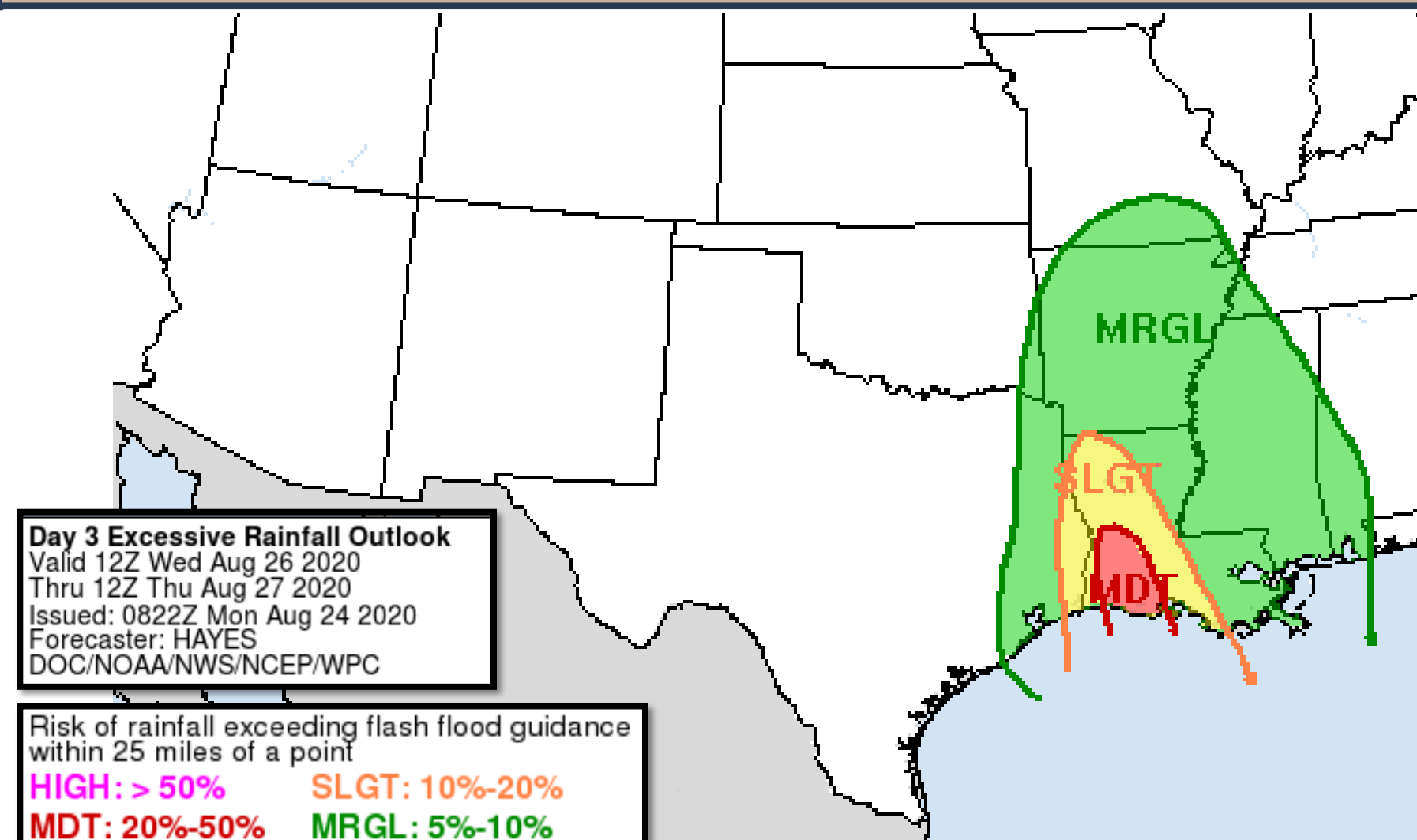
Heavy rain/flash flooding possible over S LA/SE TX.

Tropical storm force winds from Laura are possible across LA. Tropical storm force winds may arrive over extreme SE TX as early overnight.

Severe Weather Outlook



Excessive Rainfall Outlook

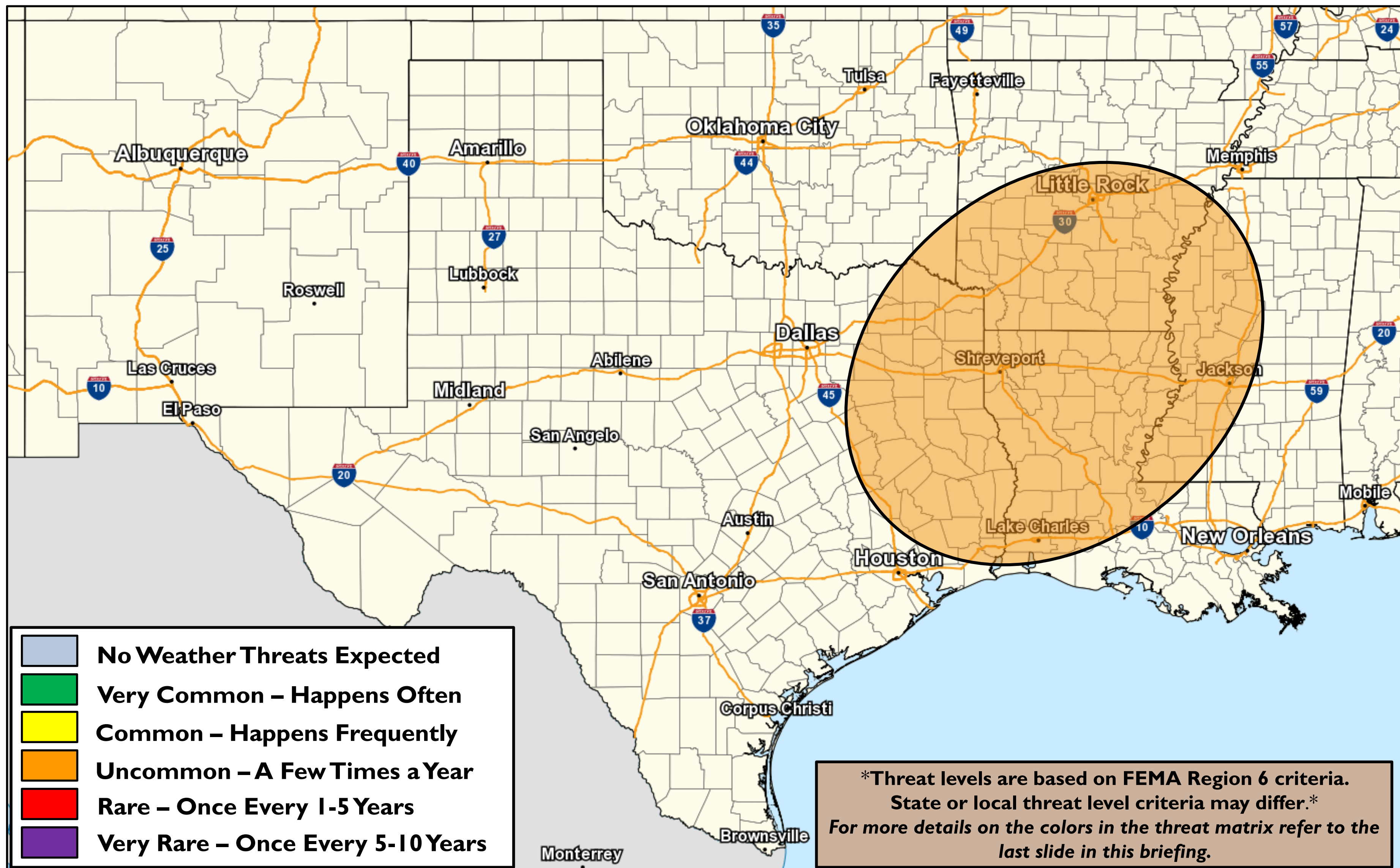


Days 4-5 Weather Hazards

Thursday - Friday



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Isolated heavy rain possible in SETX and LA from Laura.

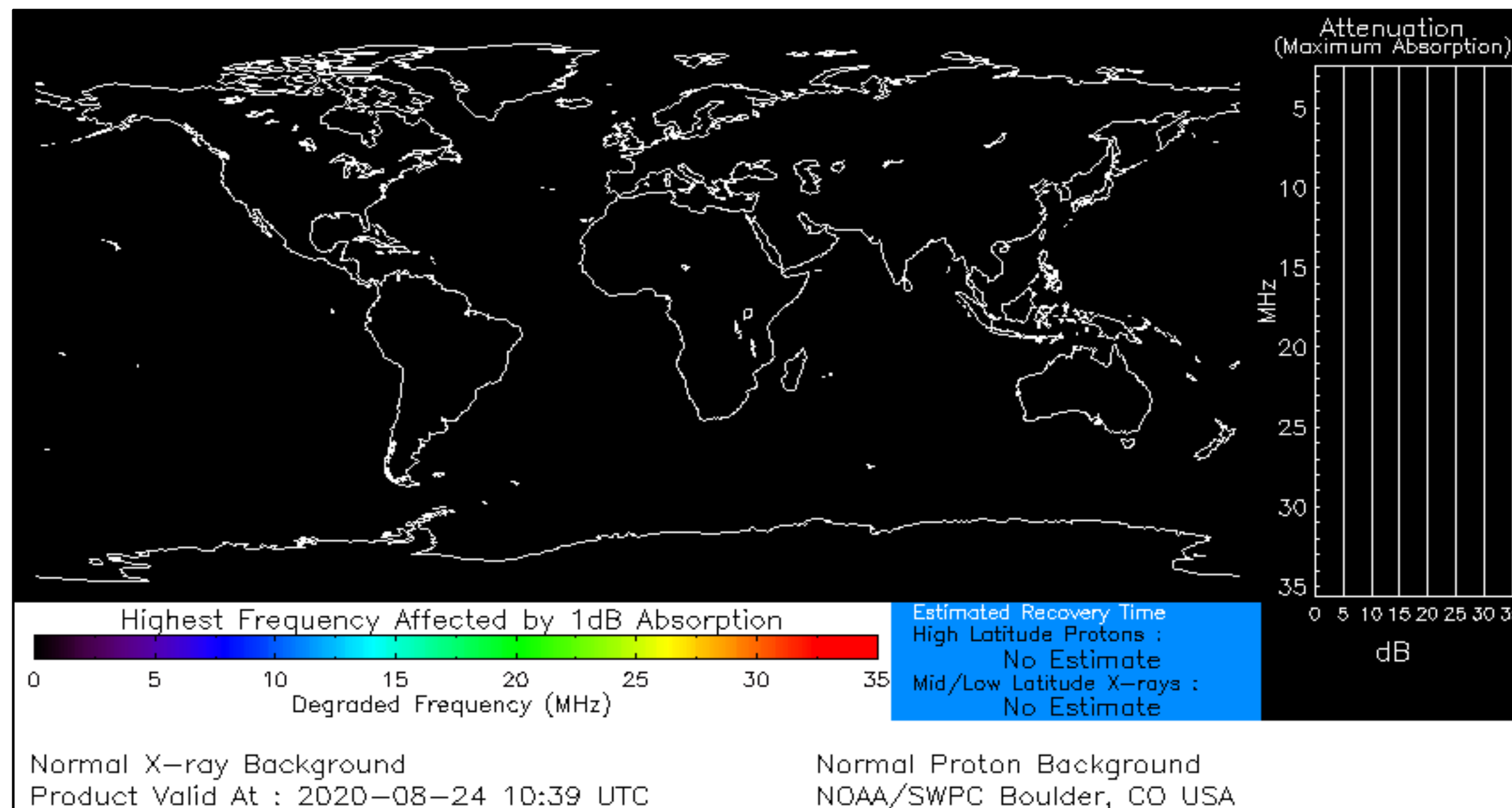
Tropical Storm to Hurricane force winds from Laura are expected Wednesday. Additional storm-related hazards from Laura include heavy rain, storm surge.

Space Weather 3-Day Forecast



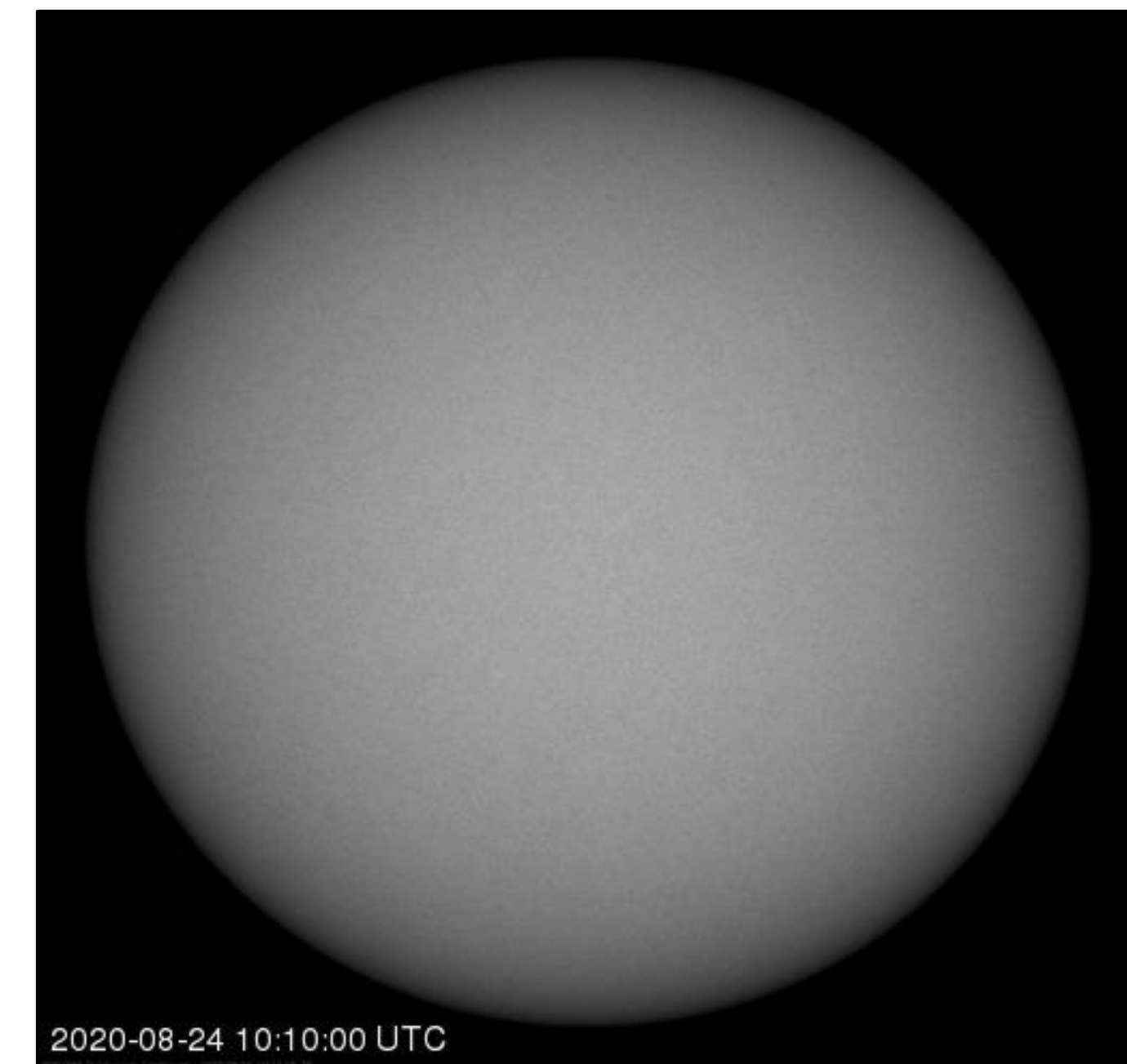
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 4)	Quiet (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





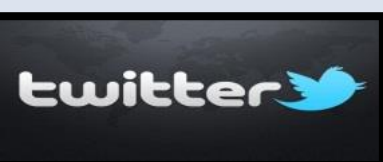
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov